

### Abstract

A detection device for detecting persons or objects and the direction of movement thereof comprising a radiation sensor arrangement for detecting electromagnetic radiation of the wavelength of visible and/or invisible light which is reflected or emitted by a person or an object, and an evaluation unit which is connected to the sensor arrangement, wherein the evaluation unit is adapted to form a variation signal which corresponds to the time variation of the radiation detected by the radiation sensor arrangement and is connected to a store which is adapted to store at least a portion of the variation signal and a characteristic parameter associated with the variation signal.

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